

NextGen Metroplex – D.C.

The FAA is redesigning airspace and addressing inefficiencies, introducing new Performance Based Navigation (PBN) procedures, and making use of Time Based Flow Management (TBFM) to make the D.C. Metroplex airspace more efficient and improve access to its airports. The effort focuses on a number of airports, including Baltimore/Washington International Thurgood Marshal (BWI), Ronald Reagan Washington National (DCA), Manassas Regional-Harry P. Davis Field (HEF), Washington Dulles International (IAD), and Martin State (MTN). The information below may also include data from nearby airports outside of the D.C. Metroplex (please see the [Reference Guide](#) for additional information).

All results are reported by Fiscal Year (FY), October 1 — September 30.

Projected Annual Benefits

Source: FAA — D.C. Metroplex Design Team

\$6.1 Million

Value of Fuel Savings

2.1 Million Gallons

Fuel Savings

18.2 Thousand Metric Tons

Carbon Savings

These are annual benefits expected to accrue upon completion of the NextGen near-term procedural improvements implemented by the FAA's Metroplex program. They are based on the FAA's preliminary assessment of proposed airspace improvements compared to operations in a year before any improvements were made. The value of the projected fuel savings is based on a \$2.85 per gallon rate. The data estimates are current as of July 2015.

D.C. Average Daily Metroplex Traffic (FY09–FY16)

Source: Operational Network (OPSNET)

Average Daily Metroplex Traffic (FY09–FY16)

FY	Commercial Air Carrier	General Aviation	Military	Total Operations
2009	2,302	669	19	2,990
2010	2,298	605	20	2,923
2011	2,374	572	16	2,962

2012	2,310	566	18	2,894
2013	2,279	550	24	2,853
2014	2,189	548	23	2,760
2015	2,160	535	26	2,721
2016	2,157	561	25	2,743

Average Daily Scheduled Flights (FY09–FY16)

Source: Bureau of Transportation Statistics (BTS)/Air Carrier Statistics Database

Average Daily Scheduled Flights (FY09–FY16)

FY	2009	2010	2011	2012	2013	2014	2015	2016
Scheduled Flights	2,173	2,172	2,166	2,103	1,904	2,001	2,009	2,018

D.C. Metroplex Airports

BWI

Baltimore/Washington International Thurgood Marshall Airport

DCA

Ronald Reagan Washington National Airport

HEF

Manassas Regional Airport-Harry P. Davis Field

IAD

Washington Dulles International Airport

MTN

Martin State Airport

For a more detailed list of airports considered in this project, please see the following site: <http://metroplexenvironmental.com/oapm.html>